



E-QUID: QUESTION / *Neuroradiology*

Hypoesthesia type sensory disorders



C. Amanieu*, M. Hermier, N. Peyron, A. Chabrol,
G. Deiana, L. Manera

Neuroradiology department, Pierre-Wertheimer hospital, 59, boulevard Pinel, 69500 Bron, France

Observation

A 56-year-old male patient, with a history of small cell bronchopulmonary cancer treated with radiotherapy and chemotherapy (last course 5 months previously), has had hypoesthesia/ataxia type sensory disorders in his legs for the last 4 months and sphincter disorders which appeared secondarily and were progressive. An MRI of the spinal cord was performed (Figs. 1 and 2).

* Corresponding author.

E-mail address: charly.amanieu@wanadoo.fr (C. Amanieu).



Figure 1. Spinal cord MRI, median sagittal slice of the cervico-thoracic region. a: T2-weighted sequence; b: T1-weighted sequence after gadolinium injection.



Figure 2. T2-weighted spinal cord MRI centered on the lumbosacral region. a: median sagittal slice; b: left paramedian sagittal slice.

What is your diagnosis?

From the observations, what would your diagnosis be from among the following suggestions?:

- radiation myelitis;
- spinal cord and leptomeningeal metastases;
- spinal dural arteriovenous fistula;
- cord compression due to degenerative intervertebral disk changes at various levels;

- infectious myelitis.

Disclosure of interest

The authors declare that they have no conflicts of interest concerning this article.